



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

General Stair Corporation
690 W. 83rd Street
Hialeah, Florida 33014

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Side Mounted Wood Stair Handrail

APPROVAL DOCUMENT: Drawing No. 01, titled "Side Mounted Wood Handrail", sheets 1 and 2 of 2, prepared by Orlando M. Fortun, P.E., dated July 31, 2007, date last revised on July 23, 2012, signed and sealed by Orlando M. Fortun, P.E., on January 16, 2013, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. The structural adequacy of the supporting structures is not part of this approval & shall be reviewed by the corresponding Building Dept.

This NOA **revises & renews** NOA # 07-0924.11 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
02/14/2013

NOA No. 12-0831.03
Expiration Date: 10/10/2017
Approval Date: 02/14/2013
Page 1

General Stair Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NO. 96-0725.05

A. DRAWINGS

Title: Side Mounted Wood Handrail
Number: 01 Sheets 1 through 4
Signature: Orlando M. Fortun, P.E.
Date: 09/11/96

B. CALCULATIONS

Title: Wood Stair Railing Design
Signature: Orlando M. Fortun, P.E.
Date: 11/02/95

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NO. 99-0928.05

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NO. 02-1009.01

A. DRAWINGS

1. Drawing No. 01, titled " Side Mounted Wood Handrail ", sheets 1 through 4 of 4, prepared by Orlando M. Fortun, P.E., dated September 11, 1996, reissued on September 30, 2002, signed and sealed by Orlando M. Fortun, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.



Henry A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0831.03
Expiration Date: 10/10/2017
Approval Date: 02/14/2013

General Stair Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0924.11

A. DRAWINGS

1. *Drawing No. 01, titled " Side Mounted Wood Handrail ", sheets 1 and 2 of 2, prepared by Orlando M. Fortun, P.E., dated July 31, 2007, signed and sealed by Orlando M. Fortun, P.E., on August 02, 2007.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Railing design for General Stairs, Inc.", 11 pages, prepared by Orlando M. Fortun, P.E., signed and sealed by Orlando M. Fortun, P.E., on August 02, 2007.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 01, titled " Side Mounted Wood Handrail ", sheets 1 and 2 of 2, prepared by Orlando M. Fortun, P.E., dated July 31, 2007, date last revised on July 23, 2012, signed and sealed by Orlando M. Fortun, P.E., on January 16, 2013.*

B. TESTS

1. *None.*

C. CALCULATIONS

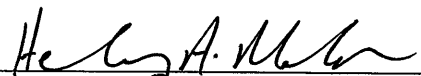
1. *None.*

D. QUALITY ASSURANCE

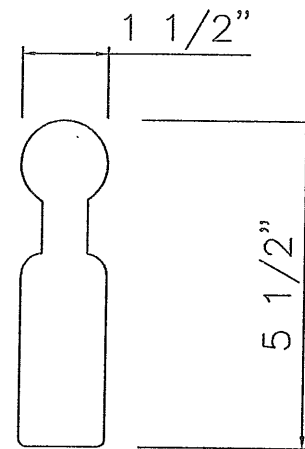
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

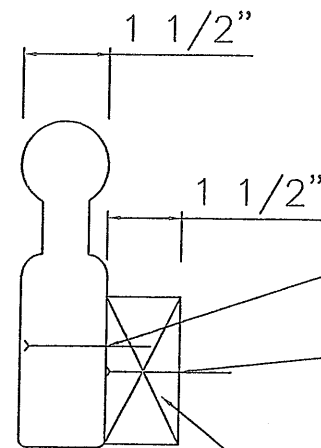
1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 12-0831.03
Expiration Date: 10/10/2017
Approval Date: 02/14/2013



HANDRAIL
DETAIL



WALL MOUNT
DETAIL

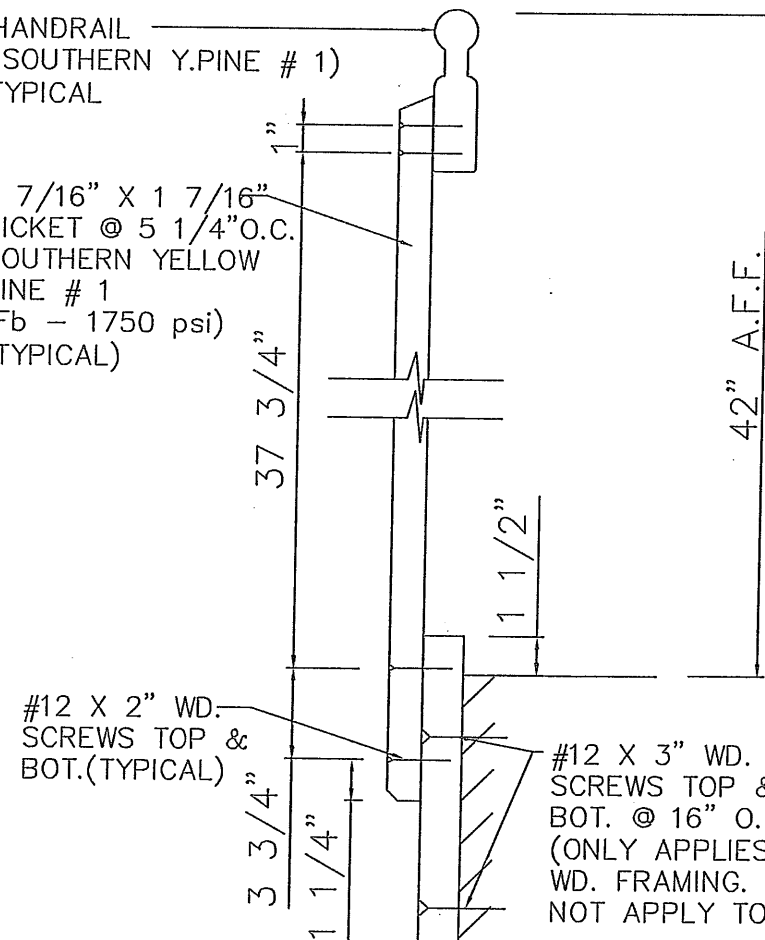
SPACER

(1)- #12" X 3" WD. SCREW ATTACHING
HANDRAIL TO WD. SPACER 30" O.C.

(1)- #12" X 3" WD. SCREW ATTACHING
WD. SPACER TO WALL 30" O.C.

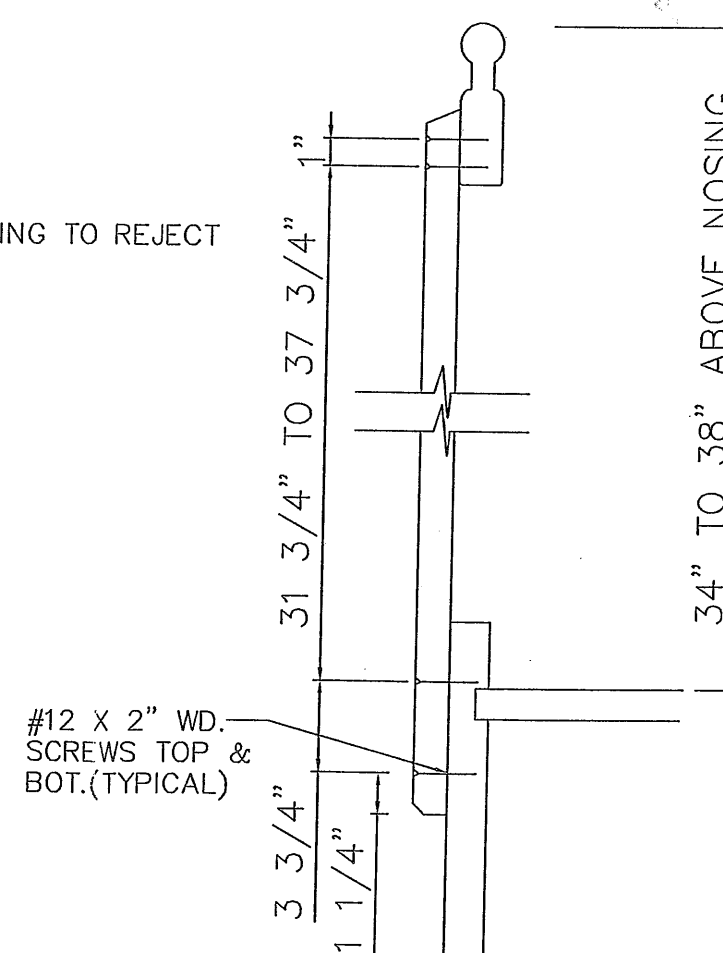
HANDRAIL
(SOUTHERN Y.PINE # 1)
TYPICAL

1 7/16" X 1 7/16"
PICKET @ 5 1/4" O.C.
SOUTHERN YELLOW
PINE # 1
(Fb - 1750 psi)
(TYPICAL)



CONNECTION
TO WOOD FRAMING

NOTE: PICKET SPACING TO REJECT
A 4" SPHERE.



CONNECTION
TO WOOD STAIRS

NOTE: THIS RAILING SYSTEM IS DESIGNED TO RESIST A LOAD OF 50 PLF OR A CONCENTRATED LOAD
OF 200 POUNDS APPLIED IN ANY DIRECTION AT THE TOP OF SUCH BARRIERS AT ANY LOCATION ON THE
SAFEGUARD, WHICHEVER CONDITION PRODUCES THE MAXIMUM STRESSES- FBC SECTION R4403.7.3.6.1 2010 ED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0831.03
Expiration Date 10/10/2017
By *[Signature]*
Miami Dade Product Control

GSC
Quality Products On Time

DRAW. NO: 01

PROJECT
SIDE MOUNTED
WD. HANDRAIL

ENGINEER
ORLANDO
FORTUN
CERT. # 22249
(305)262-6225

MANUFACTURER
GENERAL
STAIR CORP.
(305)769-9900

DRAWN BY: J.V.

OK'D BY:

DATE ISS 7/31/07

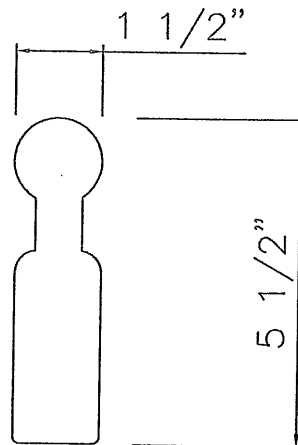
DATE REV 7/23/12

GENERAL STAIR
CORP.
690 W. 83 ST.
HIALEAH, FL
33014

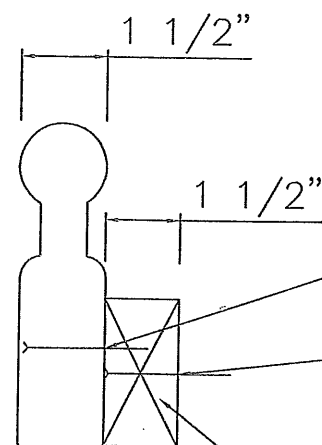
SHEET

01

OF 02
JAN 16 2013



HANDRAIL
DETAIL



WALL MOUNT
DETAIL

SPACER

(1) - #12" X 3" WD. SCREW ATTACHING
HANDRAIL TO WD. SPACER 30" O.C.

(1) - #12" X 3" WD. SCREW ATTACHING
WD. SPACER TO WALL 30" O.C.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0831.03
Expiration Date 10/10/2017
By *Healy A. Miller*
Miami Dade Product Control

GSC
Quality Products On Time™

DRAW. NO: 01

PROJECT
SIDE MOUNTED
WD. HANDRAIL

MODEL

ENGINEER
ORLANDO
FORTUN
CERT. # 22249
(305)262-6225

MANUFACTURER
GENERAL
STAIR CORP.
(305)769-9900

DRAWN BY: J.V.

OK'D BY:

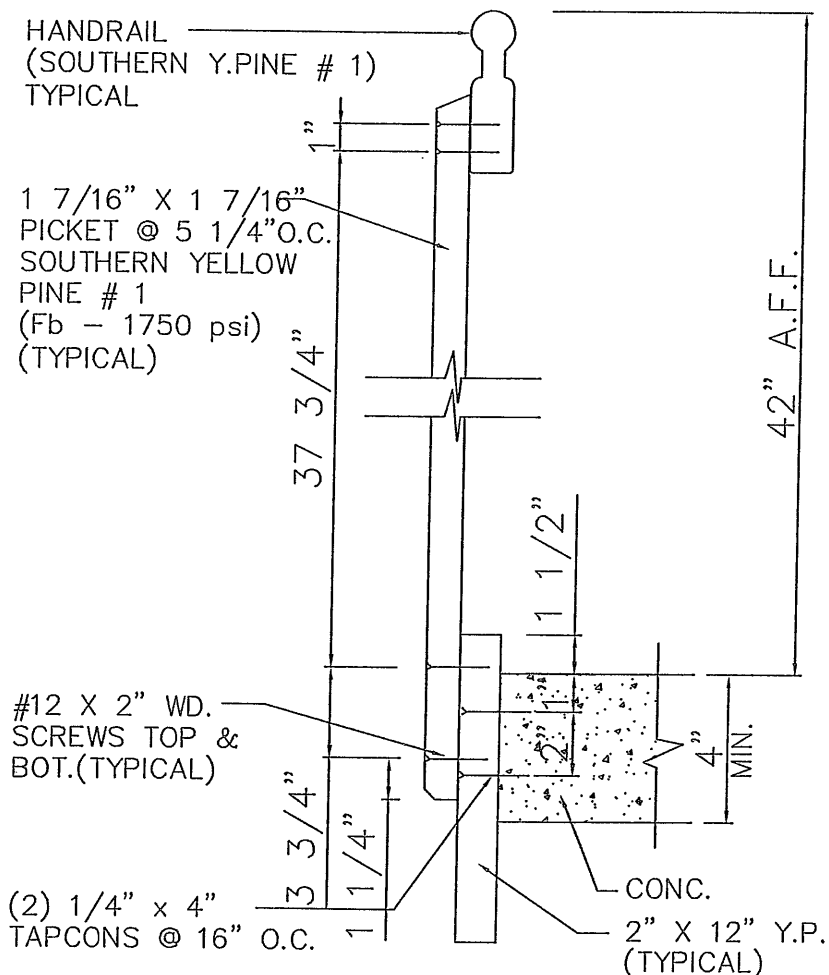
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DATE REV 7/23/12

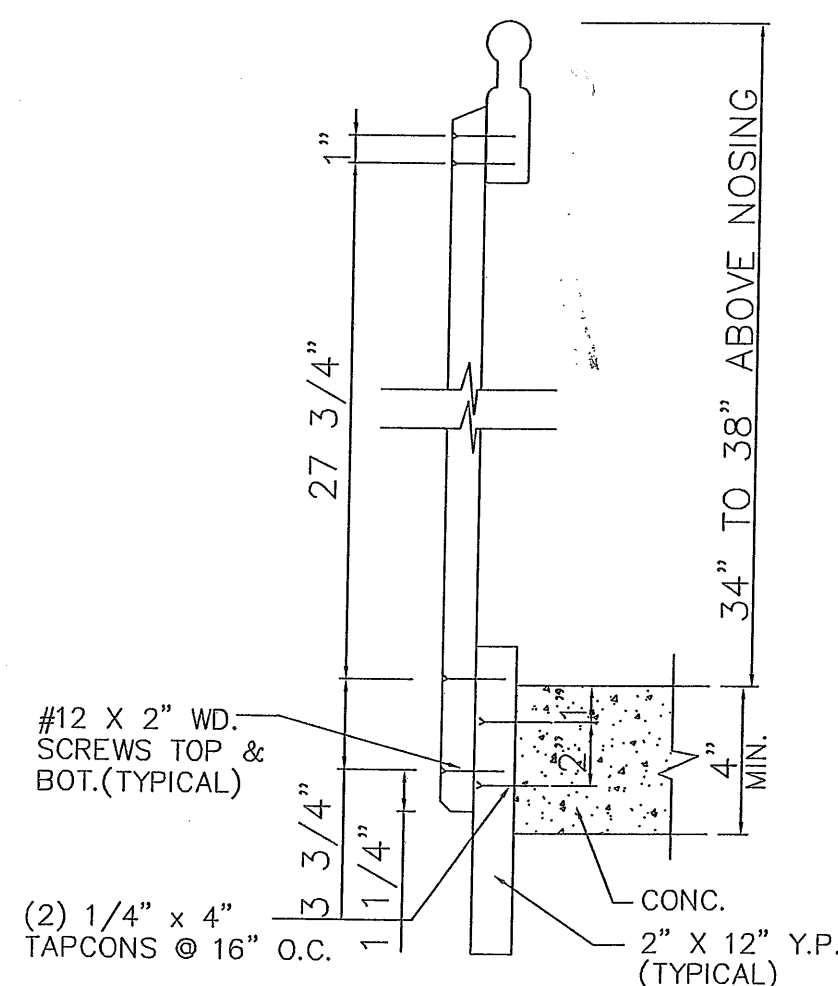
GENERAL STAIR
CORP.
690 W. 83 ST.
HIALEAH, FL
33014

SHEET
02

OF 02
JAN 16 2013



CONNECTION TO
CONCRETE SLAB



CONNECTION TO
CONCRETE STAIRS

NOTE: THIS RAILING SYSTEM IS DESIGNED TO RESIST A LOAD OF 50 PLF OR A CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT THE TOP OF SUCH BARRIERS AT ANY LOCATION ON THE SAFEGUARD, WHICHEVER CONDITION PRODUCES THE MAXIMUM STRESSES- FBC SECTION R4403.7.3.6.1 2010 ED.